

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
26 May 2005 (26.05.2005)

PCT

(10) International Publication Number  
**WO 2005/046687 A1**

(51) International Patent Classification<sup>7</sup>: **A61K 31/451**,  
31/40, 31/135, 31/485, A61P 25/02, 25/04

(21) International Application Number:  
PCT/EP2004/011548

(22) International Filing Date: 14 October 2004 (14.10.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
03024781.1 30 October 2003 (30.10.2003) EP

(71) Applicant (for all designated States except US): **MERCK  
PATENT GMBH** [DE/DE]; Frankfurter Strasse 250,  
64293 Darmstadt (DE).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **BARTOSZYK, Gerd**  
[DE/DE]; Kreuzstrasse 57, 64331 Weiterstadt (DE).

(74) Common Representative: **MERCK PATENT GMBH**;  
Frankfurter Strasse 250, 64293 Darmstadt (DE).

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,  
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,  
GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

(54) Title: USE OF SELECTIVE OPIATE RECEPTOR MODULATORS IN THE TREATMENT OF NEUROPATHY

(57) Abstract: The instant invention relates to the use of compounds that are effective as selective opiate receptor modulators for the manufacture of a pharmaceutical for the diagnosis, prophylaxis and/or the treatment of neuropathy, the clinical pictures and symptoms associated therewith, and related disorders, and to pharmaceutical compositions, comprising one or more of said modulator compounds.



**WO 2005/046687 A1**